

Untitled

```
? e au=morein, b?
Ref  Items  Index-term
E1    282  AU=MOREIN, B.
E2      2  AU=MOREIN, B*
E3      0  AU=MOREIN, B?
E4    108  AU=MOREIN, BROR
E5      5  AU=MOREIN, C.
E6      3  AU=MOREIN, CHRISTINE
E7      2  AU=MOREIN, G
E8      2  AU=MOREIN, G.
E9      5  AU=MOREIN, GLEB
E10     1  AU=MOREIN, GLEB YUREVICH
E11     1  AU=MOREIN, H. L.
E12     3  AU=MOREIN, N. G.
E13     1  AU=MOREIN, PIERRE GRADY
E14     1  AU=MOREIN, R.
E15     3  AU=MOREIN, ROBERT
E16     1  AU=MOREIN, ROBERT T.
E17     8  AU=MOREIN, S
E18    25  AU=MOREIN, SVEN
E19     3  AU=MOREIN, TORBJOERN
E20     2  AU=MOREIN, W. G.
E21     1  AU=MOREIN, W.G.
E22     2  AU=MOREIN, WILLIAM G.
E23     2  AU=MOREINA F
E24     1  AU=MOREINA, ELIANE
E25     1  AU=MOREINAS GRINBLAT B
Enter PAGE for more
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? s e1-e4
      282  AU=MOREIN, B.
          2  AU=MOREIN, B*
          0  AU=MOREIN, B?
      108  AU=MOREIN, BROR
S1    391  S E1-E4
```

```
? s s1 and quill?
      391  S1
      22859  QUIL?
S2    35  S S1 AND QUIL?
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? rd
>>>W: Duplicate detection is not supported for File 393.
Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S3    27  RD (UNIQUE ITEMS)
```

```
? t s3/3,k/1-27
>>>W: KWIC option is not available in file(s): 399
      3/3,K/1 (Item 1 from file: 50) Links
      Fulltext available through: STIC Full Text Retrieval Options
CAB Abstracts
(c) 2009 CAB International. All rights reserved.
0008795779  CAB Accession Number: 20053039017
The immunomodulating properties of human respiratory syncytial virus and
immunostimulating complexes containing Quillaja saponin components QH-A, QH-C and
ISCOPREP SUP TM 703.
```

Hu KeFei; Regner, M.; Siegrist, C. A.; Lambert, P.; Chen, M.; Bengtsson, K. L.;
Morein, B.

Untitled

Author email address: kefeihu@yahoo.com

Section of virology, Department of Veterinary Microbiology, College of Veterinary Medicine, Swedish University of Agricultural Sciences, Biomedical Center, Box 585, S-751 23 Uppsala, Sweden.

FEMS Immunology and Medical Microbiology vol. 43 (2): p.269-276

Publication Year: 2005

ISSN: 0928-8244

Publisher: Elsevier Amsterdam , Netherlands

Language: English Record Type: Abstract

Document Type: Journal article

The immunomodulating properties of human respiratory syncytial virus and immunostimulating complexes containing Quillaja saponin components QH-A, QH-C and ISCOPREP SUP TM 703.

... Th1/TH2 cytokine response. We tested a panel of HRSV immunostimulating complexes (ISCOMs) containing different Quillaja saponin fractions (QH-A, QH-C, and 703: a mixture of 70% QH-A and...

Organism Descriptors: ...Quillaja saponaria

Geographic Names:

Broader Terms: ...Quillaja;

CABICodes:

Hu KeFei; Regner, M.; Siegrist, C. A.; Lambert, P.; Chen, M.; Bengtsson, K. L.; Morein, B.

3/3,K/2 (Item 2 from file: 50) Links

Fulltext available through: STIC Full Text Retrieval Options

CAB Abstracts

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0008666371 CAB Accession Number: 20043109015

Safety and efficacy of immune-stimulating complex-based antigen delivery systems for neonatal immunisation against respiratory syncytial virus infection.

Regner, M.; Culley, F.; Fontannaz, P.; Hu KeFei; Morein, B.; Lambert, P. H. ; Openshaw, P.; Siegrist, C. A.

Author email address: claire-anne.siegrist@medecine.unige.ch

WHO Collaborating Center for Vaccinology, Department of Pathology, University of Geneva, CMU, 1 Rue Michel Servet, 1211 Geneva 4, Switzerland.

Microbes and Infection vol. 6 (7): p.666-675

Publication Year: 2004

ISSN: 1286-4579

Digital Object Identifier: 10.1016/j.micinf.2004.03.005

Publisher: Editions Scientifiques et Medicinales Elsevier SAS Paris , France

Language: English Record Type: Abstract

Document Type: Journal article

... combined with immune-stimulating complexes (ISCOMs) prepared from fractions A, C or A+C of Quillaja saponins. All were well tolerated in adults, but A+C ISCOMS proved lethal in neonates...

Organism Descriptors: ...Quillaja

Geographic Names:

Regner, M.; Culley, F.; Fontannaz, P.; Hu KeFei; Morein, B.; Lambert, P. H. ;

Openshaw, P.; Siegrist, C. A.

3/3,K/3 (Item 3 from file: 50) Links

Fulltext available through: STIC Full Text Retrieval Options

CAB Abstracts

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0007508291 CAB Accession Number: 19980303210

Effects of carbohydrate modification of Quillaja saponaria Molina QH-B fraction on adjuvant activity, cholesterol-binding capacity and toxicity.

Untitled

Ronnberg, B.; Fekadu, M.; Behboudi, S.; Kenne, L.; Morein, B.
Department of Iscom Technology, National Veterinary Institute, 750 07 Uppsala,
Sweden.
Vaccine vol. 15 (17/18): p.1820-1826
Publication Year: 1997
ISSN: 0264-410X
Digital Object Identifier: 10.1016/S0264-410X(97)00139-4
Language: English Record Type: Abstract
Document Type: Journal article
Effects of carbohydrate modification of Quillaja saponaria Molina QH-B fraction on
adjuvant activity, cholesterol-binding capacity and toxicity.
... antigens inducing both MHC class I and class II restricted immune responses. The
saponin adjuvant Quil A (originally used to form iscoms) is composed of a mixture of
structurally similar triterpenoids...

Organism Descriptors: Quillaja saponaria
Geographic Names:
Broader Terms: Quillaja;
CABICodes:
Ronnberg, B.; Fekadu, M.; Behboudi, S.; Kenne, L.; Morein, B.

3/3,K/4 (Item 4 from file: 50) Links
Fulltext available through: STIC Full Text Retrieval Options
CAB Abstracts
(c) 2009 CAB International. All rights reserved.
0007214386 CAB Accession Number: 19962207331
Isolation and quantification of Quillaja saponaria Molina saponins and lipids in
iscom-matrix and iscoms.

Behboudi, S.; Morein, B.; Ronnberg, B.
Swedish University of Agricultural Sciences, Department of Veterinary Microbiology,
Section of Virology, Box 585 Biomedicum, 751 23, Uppsala, Sweden.
Vaccine vol. 13 (17): p.1690-1696
Publication Year: 1995
ISSN: 0264-410X
Language: English Record Type: Abstract
Document Type: Journal article
Isolation and quantification of Quillaja saponaria Molina saponins and lipids in
iscom-matrix and iscoms.
Organism Descriptors: quillaja saponaria
Geographic Names:
Broader Terms: Quillaja;
CABICodes:
Behboudi, S.; Morein, B.; Ronnberg, B.

3/3,K/5 (Item 5 from file: 50) Links
Fulltext available through: STIC Full Text Retrieval Options
CAB Abstracts
(c) 2009 CAB International. All rights reserved.
0006441094 CAB Accession Number: 19912085206
Immunization with Trypanosoma cruzi epimastigote antigens incorporated into iscoms
protects against lethal challenge in mice.

Araujo, F. G.; Morein, B.
Res. Inst., Palo Alto Med. Found., Palo Alto, CA 94301, USA.
Infection and Immunity vol. 59 (9): p.2909-2914
Publication Year: 1991
ISSN: 0019-9567
Language: English Record Type: Abstract
Document Type: Journal article
... small concentration of the affinity purified antigens incorporated into an

Untitled
antigen delivery system prepared with Quil A (Isotec AB, Lulea, Sweden), a saponin derivative, induced strong antibody and cell-mediated immune...
... small concentration of the affinity purified antigens incorporated into an antigen delivery system prepared with Quil A (Isotec AB, Lulea, Sweden), a saponin derivative, induced strong antibody and cell-mediated immune...
Araujo, F. G.; Morein, B.

3/3,K/6 (Item 6 from file: 50) Links
Fulltext available through: STIC Full Text Retrieval Options
CAB Abstracts
(c) 2009 CAB International. All rights reserved.
0005938133 CAB Accession Number: 19882206901

Influenza virus ISCOMs: biochemical characterization.

Sundquist, B.; Lovgren, K.; Hoglund, S.; Morein, B.
Nat. Vet. Inst., Box 7073, S-750 07 Uppsala, Sweden.
Vaccine vol. 6 (1): p.44-48
Publication Year: 1988

ISSN: 0264-410X

Language: English Record Type: Abstract

Document Type: Journal article

... and neuraminidase (NA) consist of a matrix, which is the micellar form of the glycoside, Quil A, in hydrophobic interaction with both the envelope glycoproteins (HA/NA). The Quil A bound to the ISCOM amounted to 50 microg/mg (5%) of ISCOM protein. ISCOMs...

Sundquist, B.; Lovgren, K.; Hoglund, S.; Morein, B.

3/3,K/7 (Item 7 from file: 50) Links
CAB Abstracts

(c) 2009 CAB International. All rights reserved.
0005462813 CAB Accession Number: 19842244160

Iscom, a novel structure for antigenic presentation of membrane proteins from enveloped viruses.

Morein, B.; Sundquist, B.; Hoglund, S.; Dalsgaard, K.; Osterhaus, A.
Vet. Inst., Box 585, BMC, S-751 23 Uppsala, Sweden.
Nature, UK vol. 308 (5958): p.457-460

Publication Year: 1984

Language: English Record Type: Abstract

Document Type: Journal article

... is an immunostimulating complex of virus membrane proteins on a matrix composed of the glycoside Quil A extracted from the bark of Quillaja saponaria. The immunizing potency of iscoms prepared from membrane proteins of parainfluenza-3, measles and... ...proteins alone. The greater immune response may be caused by an adjuvant effect of the Quil A or by the difference in morphology-in the iscom the spikes are more exposed...

Morein, B.; Sundquist, B.; Hoglund, S.; Dalsgaard, K.; Osterhaus, A.

3/3,K/8 (Item 1 from file: 162) Links

Fulltext available through: STIC Full Text Retrieval Options
Global Health

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0004301681 CAB Accession Number: 19872043604

Prospects for immunological intervention in human schistosomiasis continued.

Additional Authors: Capron, M.; Capron, A.; Cioli, D.; Strand, M.; Kunz, W.; Symmons, P.; Simpson, A. J. G.; Mackett, M.; Morein, B.; De Wilde, M.
Acta Tropica vol. 44 (Suppl. 12): p.3-117

Untitled

Publication Year: 1987

ISSN: 0001-706X

Language: English Record Type: Abstract

Document Type: Conference proceedings

...complexes), in which the peptide molecules of a vaccine are "caged" in a glycoside matrix (Quil A—an extract from the bark of the tree Quillaja saponaria molina) which acts as an adjuvant according to B. Morein (pp. 98-103). M...

...A.; Cioli, D.; Strand, M.; Kunz, W.; Symmons, P.; Simpson, A. J. G.; Mackett, M.; Morein, B.; De Wilde, M.

3/3,K/9 (Item 1 from file: 399) Links

CA SEARCH(R)

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149017707 CA: 149(1)17707d PATENT
Use of lipid containing particles such as liposomes, iscom and/or iscom matrix and posintros, comprising Quillaja saponins, for the treatment of cancer

Inventor (Author): Hu, Kefei; Morein, Bror

Location: Swed.

Assignee: Duecom

Patent: PCT International ; wo 200863129 A1 Date: 20080529

Application: wo 2007SE50878 (20071120) *US 2006PV866445 (20061120)

Pages: 86pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

IPC/R/8 + Level	Value	Position	Status	Version	Action	Source	Office:
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A61K-0031/704	A	I	F	B	20060101	H	SE
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A61K-0039/39	A	I	L	B	20060101	H	SE
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A61P-0035/00	A	I	L	B	20060101	H	SE
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Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BH; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ; Designated Regional: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

3/3,K/10 (Item 2 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

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142259614 CA: 142(14)259614u JOURNAL

The immunomodulating properties of human respiratory syncytial virus and immunostimulating complexes containing Quillaja saponin components QH-A, QH-C and ISCOPEP703

Author: Hu, Ke-Fei; Regner, Matthias; Siegrist, Claire-Anne; Lambert, Paul; Chen, Margaret; Bengtsson, Karin Loevgren; Morein, Bror

Location: Biomedical Center, Section of Virology, Department of Veterinary Microbiology, Swedish University of Agricultural Science, S-751 23, Uppsala , Swed. Journal: FEMS Immunol. Med. Microbiol.

Date: 2005

Volume: 43 Number: 2 Pages: 269-276

CODEN: FIMIEV

ISSN: 0928-8244

Publisher Item Identifier: 0928-8244(04)00189-0

Language: English

Untitled

Publisher: Elsevier B.V.

3/3,K/11 (Item 3 from file: 399) Links

CA SEARCH(R)

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142133049 CA: 142(8)133049v PATENT

Quil A fraction with low toxicity for adjuvant application

Inventor (Author): Morein, Bror; Loevgren Bengtsson, Karin; Ekstroem, Jill; Ranlund, Katarina

Location: Swed.

Assignee: Isconova AB

Patent: PCT International ; WO 200502620 A1 Date: 20050113

Application: WO 2004SE1038 (20040707) *SE 20031998 (20030707)

Pages: 62 pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

Class: A61K-039/39A

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW

Designated Regional: BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

3/3,K/12 (Item 4 from file: 399) Links

CA SEARCH(R)

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141312939 CA: 141(19)312939m PATENT

Vaccine compositions comprising ISCOM particles and killed or inactivated live microorganisms or antigen molecules

Inventor (Author): Morein, Bror; Loevgren Bengtsson, Karin

Location: Swed.

Assignee: Isconova AB

Patent: PCT International ; WO 200484941 A1 Date: 20041007

Application: WO 2004SE451 (20040324) *SE 2003795 (20030324)

Pages: 30 pp.

CODEN: PIXXD2

Language: English

Patent Classifications:

Class: A61K-039/39A; A61K-039/00B

Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW

Designated Regional: BW; GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

3/3,K/13 (Item 5 from file: 399) Links

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Untitled

140092573 CA: 140(7)92573z PATENT
ISCOM preparations for production of monoclonal antibodies and as adjuvant to
vaccines
Inventor (Author): Morein, Bror; Loevgren Bengtsson, Karin
Location: Swed.
Assignee: Isconova AB
Patent: PCT International ; WO 200404762 A1 Date: 20040115
Application: WO 2003SE1180 (20030707) *SE 20022110 (20020705)
Pages: 38 pp.
CODEN: PIXXD2
Language: English
Patent Classifications:
Class: A61K-039/39A
Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH;
CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID;
IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN;
MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ;
TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ; MD;
RU
Designated Regional: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG;
CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI;
SK; TR; BF; BJ; CF; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

3/3,K/14 (Item 6 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
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136018953 CA: 136(2)18953z JOURNAL
Different respiratory syncytial virus and Quillaja saponin formulations induce
murine peritoneal cells to express different proinflammatory cytokine profiles
Author: Hu, K.-F.; Chen, M.; Abusugra, I.; Monaco, F.; Morein, B.
Location: Faculty of Veterinary Medicine, Department of Veterinary Microbiology,
Section of Virology, Swedish University of Agricultural Sciences, S-751 23, Uppsala,
Swed.
Journal: FEMS Immunol. Med. Microbiol.
Date: 2001
Volume: 31 Number: 2 Pages: 105-112
CODEN: FIMIEV
ISSN: 0928-8244
Publisher Item Identifier: 0928-8244(01)00251-6
Language: English
Publisher: Elsevier Science B.V.

3/3,K/15 (Item 7 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
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132164894 CA: 132(13)164894q JOURNAL
Quillaja saponin formulations that stimulate proinflammatory cytokines elicit a
potent acquired cell-mediated immunity
Author: Behboudi, S.; Morein, B.; Villacres-Eriksson, M. C.
Location: Department of Veterinary Microbiology, Virology Section, Swedish
University of Agricultural Sciences, Uppsala, Swed.
Journal: Scand. J. Immunol.
Date: 1999
Volume: 50 Number: 4 Pages: 371-377
CODEN: SJIMAX
ISSN: 0300-9475
Language: English

Untitled

Publisher: Blackwell Science Ltd.

3/3,K/16 (Item 8 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
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127330104 CA: 127(24)330104a JOURNAL
In vivo and in vitro induction of IL-6 by Quillaja saponaria Molina triterpenoid formulations
Author: Behboudi, S.; Morein, B.; Villacres-Eriksson, M.
Location: Dep. of Veterinary Microbiology, Section of Virology, Swedish University of Agricultural Sciences, S-751 23, Uppsala, Swed.
Journal: Cytokine
Date: 1997
Volume: 9 Number: 9 Pages: 682-687
CODEN: CYTIE9
ISSN: 1043-4666
Language: English
Publisher: Academic

3/3,K/17 (Item 9 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
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127099693 CA: 127(7)99693d JOURNAL
Iscoms as delivery systems
Author: Morein, Bror; Bengtsson, Karin Loevgren
Location: SLU, Dpt Vet. Microbiol, S-75123, Uppsala, Swed.
Journal: Proc. Int. Symp. Controlled Release Bioact. Mater.
Date: 1997
Volume: 24th, Pages: 118
CODEN: PCRMEY
ISSN: 1022-0178
Language: English
Publisher: Controlled Release Society, Inc.

3/3,K/18 (Item 10 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
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126262894 CA: 126(20)262894k JOURNAL
Influence of Quillaja saponaria triterpenoid content on the immunomodulatory capacity of Epstein-Barr virus iscoms
Author: Dotsika, E.; Karagouni, E.; Sundquist, B.; Morein, B.; Morgan, A.; Villacres-Eriksson, M.
Location: Hellenic Pasteur Institute, Athens, Greece, 115 21
Journal: Scand. J. Immunol.
Date: 1997
Volume: 45 Number: 3 Pages: 261-268
CODEN: SJIMAX
ISSN: 0300-9475
Language: English
Publisher: Blackwell

3/3,K/19 (Item 11 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
Page 8

Untitled

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126249930 CA: 126(19)249930z JOURNAL
Immunomodulation by Quillaja saponaria adjuvant formulations: in vivo stimulation of interleukin 12 and its effects on the antibody response
Author: Villacres-Eriksson, Maria; Behboudi, Shahriar; Morgan, Andrew J.; Trinchieri, Giorgio; Morein, Bror
Location: Dep. Veterinary Microbiology, Swedish Univ. Agricultural Sciences, S-751 23 , Uppsala, Swed.
Journal: Cytokine
Date: 1997
Volume: 9 Number: 2 Pages: 73-82
CODEN: CYTIE9
ISSN: 1043-4666
Language: English
Publisher: Academic

3/3,K/20 (Item 12 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
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125177144 CA: 125(14)177144a JOURNAL
In vitro activation of antigen-presenting cells (APC) by defined composition of Quillaja saponaria Molina triterpenoids
Author: Behboudi, S.; Morein, B.; Villacres-Eriksson, M.
Location: Department Veterinary Microbiology, Swedish University Agricultural Sciences, Uppsala, Swed.
Journal: Clin. Exp. Immunol.
Date: 1996
Volume: 105 Number: 1 Pages: 26-30
CODEN: CEXIAL
ISSN: 0009-9104
Language: English

3/3,K/21 (Item 13 from file: 399) Links
CA SEARCH(R)
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125056216 CA: 125(5)56216s PATENT
Saponin preparations and use thereof in ISCOMs
Inventor (Author): Cox, John Cooper; Coulter, Alan Robert; Morein, Bror; Lovgren-Bengtsson, Karin; Sundquist, Bo
Location: Swed.
Assignee: Iscotec Ab
Patent: PCT International ; WO 9611711 A1 Date: 960425
Application: WO 95AU670 (951012) *AU 948732 (941012)
Pages: 39 pp.
CODEN: PIXXD2
Language: English
Patent Classifications:
Class: A61K-047/46A; A61K-047/28B; A61K-047/26B; C07G-003/00B; C07J-063/00B
Designated Countries: AU; CA; FI; JP; KR; NO; NZ; US
Designated Regional: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

3/3,K/22 (Item 14 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
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Page 9

Untitled

124084241 CA: 124(7)84241u JOURNAL
Adjuvant activity of non-toxic Quillaja saponaria Molina components for use in ISCOM matrix
Author: Ronnberg, Bengt; Fekadu, Makonnen; Morein, Bror
Location: UK,
Journal: Vaccine
Date: 1995
Volume: 13 Number: 14 Pages: 1375-82
CODEN: VACCDE
ISSN: 0264-410X
Language: English

3/3,K/23 (Item 15 from file: 399) Links
CA SEARCH(R)
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114115082 CA: 114(13)115082t PATENT
Sterol-containing iscom matrix with immunostimulating activity
Inventor (Author): Morein, Bror; Loevgren, Karin; Dalsgaard, Kristian; Thurin, Jan;
Sundquist, Bo
Location: Swed.
Patent: PCT International ; WO 9003184 A1 Date: 900405
Application: WO 89SE528 (890928) *US 251576 (880930) *SE 891027 (890322) *SE 892780 (890816)
Pages: 48 pp.
CODEN: PIXXD2
Language: English
Patent Classifications:
Class: A61K-039/39A; C07J-017/00B; C07J-063/00B
Designated Countries: AU; DK; FI; HU; JP; NO; SU; US
Designated Regional: AT; BE; CH; DE; FR; GB; IT; LU; NL; SE

3/3,K/24 (Item 16 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
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108226714 CA: 108(26)226714w JOURNAL
The requirement of lipids for the formation of immunostimulating complexes (iscoms)
Author: Loevgren, Karin; Morein, Bror
Location: Biomed., Natl. Vet. Inst., S-751 23, Uppsala, Swed.
Journal: Biotechnol. Appl. Biochem.
Date: 1988
Volume: 10 Number: 2 Pages: 161-72
CODEN: BABIEC
ISSN: 0885-4513
Language: English

3/3,K/25 (Item 17 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
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108004322 CA: 108(1)4322c JOURNAL
The ISCOM: an immunostimulating complex
Author: Morein, B.; Loevgren, K.; Hoeglund, S.; Sundquist, B.
Location: Biomed. Cent., Natl. Vet. Inst., S-751 23, Uppsala, Swed.
Journal: Immunol. Today
Date: 1987

Untitled

Volume: 8 Number: 11 Pages: 333-8
CODEN: IMTOD8
ISSN: 0167-4919
Language: English

3/3,K/26 (Item 18 from file: 399) Links
CA SEARCH(R)
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105132044 CA: 105(15)132044p PATENT
Immunogenic complex and its use as an immune stimulant, vaccines and reagent
Inventor (Author): Morein, Bror
Location: Swed.
Patent: European Pat. Appl. ; EP 180564 A2 Date: 860507
Application: EP 85850326 (851016) *SE 845493 (841101)
Pages: 65 pp.
CODEN: EPXXDW
Language: English
Patent Classifications:
Class: A61K-039/385A; A61K-039/44B; A61K-039/39B; A61K-045/05B
Designated Countries: AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE

3/3,K/27 (Item 19 from file: 399) Links
CA SEARCH(R)
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101097625 CA: 101(12)97625x PATENT
Immunogenic protein or peptide complex and its use as an immune stimulant and as a vaccine
Inventor (Author): Morein, Bror
Location: Swed.
Patent: European Pat. Appl. ; EP 109942 A2 Date: 840530
Application: EP 83850273 (831013) *SE 82/5892 (821018)
Pages: 43 pp.
CODEN: EPXXDW
Language: English
Patent Classifications:
Class: A61K-039/00; C07G-007/00
Designated Countries: AT; BE; CH; DE; FR; GB; IT; LI; LU; NL;

? e au=morein, b?
Ref Items Index-term
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E4 108 AU=MOREIN, BROR
E5 5 AU=MOREIN, C.
E6 3 AU=MOREIN, CHRISTINE

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? e au=lovegren, k?

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? e au=lovgren, karin?

Ref Items Index-term
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E2 8 AU=LOVGREN, KARIN
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 44 AU=LOVGREN, K.
 8 AU=LOVGREN, KARIN
S1 52 S E1-E2

? s s1 and quill?
 52 S1
 22859 QUIL?
S2 2 S S1 AND QUIL?

? rd
>>>W: Duplicate detection is not supported for File 393.
Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S3 2 RD (UNIQUE ITEMS)

? t s3/3,k/1-2
>>>W: KWIC option is not available in file(s): 399
3/3,K/1 (Item 1 from file: 50) Links
Fulltext available through: STIC Full Text Retrieval Options

CAB Abstracts
(c) 2009 CAB International. All rights reserved.
0005938133 CAB Accession Number: 19882206901
Influenza virus ISCOMs: biochemical characterization.

Sundquist, B.; Lovgren, K.; Hoglund, S.; Morein, B.
Nat. Vet. Inst., Box 7073, S-750 07 Uppsala, Sweden.
Vaccine vol. 6 (1): p.44-48
Publication Year: 1988
ISSN: 0264-410X
Language: English Record Type: Abstract
Document Type: Journal article
... and neuraminidase (NA) consist of a matrix, which is the micellar form of the glycoside, Quil A, in hydrophobic interaction with both the envelope glycoproteins (HA/NA). The Quil A bound to the ISCOM amounted to 50 microg/mg (5%) of ISCOM protein. ISCOMs...

Sundquist, B.; Lovgren, K.; Hoglund, S.; Morein, B.

3/3,K/2 (Item 1 from file: 35) Links
Dissertation Abs Online
(c) 2008 ProQuest Info&Learning. All rights reserved.
0996599 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.
CONSTRUCTION AND POTENTIAL OF THE ISCOM AS IMMUNOGEN (QUIL A, SAPONIN, VACCINE)

Author: LOVGREN, KARIN

Untitled

Degree: FIL.

Year: 1987

Corporate Source/Institution: SVERIGES LANTBRUKSUNIVERSITET (SWEDEN) (0697)

Source: Volume 4901C of Dissertations Abstracts International.

PAGE 63 . 52 PAGES

ISBN: 91-576-3202-2

Publisher: SVERIGES LANTBRUKSUNIVERSITET, S-750 07 UPPSALA, SWEDEN

CONSTRUCTION AND POTENTIAL OF THE ISCOM AS IMMUNOGEN (QUIL A, SAPONIN, VACCINE)

Author: LOVGREN, KARIN

The iscom--immunostimulating complex--is a highly immunogenic formulation of microbial membrane antigens. The adjuvant Quil A forms together with cholesterol a matrix into which amphipathic molecules are incorporated by hydrophobic...

? e au=ekstrom, J?

Ref Items Index-term

E1 4 AU=EKSTROM, J.P.
E2 2 AU=EKSTROM, J.R.
E3 0 AU=EKSTROM, J?
E4 1 AU=EKSTROM, JAMES L.
E5 1 AU=EKSTROM, JAMES V
E6 1 AU=EKSTROM, JAN
E7 1 AU=EKSTROM, JAN PETRI
E8 1 AU=EKSTROM, JANNE
E9 8 AU=EKSTROM, JENNIFER L
E10 15 AU=EKSTROM, JENNIFER L.
E11 2 AU=EKSTROM, JENNIFER LYNN
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E13 1 AU=EKSTROM, JENS-OLA
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E16 1 AU=EKSTROM, JL
E17 3 AU=EKSTROM, JM
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E19 4 AU=EKSTROM, JO
E20 1 AU=EKSTROM, JOEL L
E21 7 AU=EKSTROM, JOEL L.
E22 1 AU=EKSTROM, JOHAN OLOF
E23 1 AU=EKSTROM, JOHN EDWARD
E24 1 AU=EKSTROM, JOHN PETER
E25 1 AU=EKSTROM, JONAS

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? s e15

S1 3 AU='EKSTROM, JILL'

? rd

>>>W: Duplicate detection is not supported for File 393.

Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S2 3 RD (UNIQUE ITEMS)

? s s2 and quil

S2 3 S2
2833 QUIL
S3 0 S S2 AND QUIL

? s s2

S4 3 S S2

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>>>W: Duplicate detection is not supported for File 393.

Duplicate detection is not supported for File 391.

Untitled
Records from unsupported files will be retained in the RD set.
S5 3 RD (UNIQUE ITEMS)

? t s5/3,k/1-3
>>>W: KWIC option is not available in file(s): 399
5/3,K/1 (Item 1 from file: 399) Links
Fulltext available through: STIC Full Text Retrieval Options
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131189555 CA: 131(14)189555x JOURNAL
Induction of antibody responses in the common mucosal immune system by respiratory syncytial virus immunostimulating complexes
Author: Hu, K.-F.; Ekstrom, Jill; Merza, Malik; Lovgren-Bengtsson, Karin; Morein, Bror
Location: Department of Veterinary Microbiology, Section of Virology, College of Veterinary Medicine, Swedish University of Agricultural Sciences, S-751 23, Uppsala, Swed.
Journal: Med. Microbiol. Immunol.
Date: 1999
Volume: 187 Number: 4 Pages: 191-198
CODEN: MMIIYAO
ISSN: 0300-8584
Language: English
Publisher: Springer-Verlag

5/3,K/2 (Item 2 from file: 399) Links
CA SEARCH(R)
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127233551 CA: 127(17)233551m PATENT
Iscom or iscom-matrix comprising a mucus targetting substance and optionally, an antigen
Inventor (Author): Morein, Bror; Lovgren, Bengtsson Karin; Ekstrom, Jill
Location: Swed.
Assignee: Morein, Bror; Lovgren Bengtsson, Karin; Ekstrom, Jill
Patent: PCT International ; WO 9730728 A1 Date: 19970828
Application: WO 97SE289 (19970220) *SE 96647 (19960221)
Pages: 144 pp.
CODEN: PIXXD2
Language: English
Patent Classifications:
Class: A61K-039/39A
Designated Countries: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM
Designated Regional: KE; LS; MW; SD; SZ; UG; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; ML; MR; NE; SN; TD; TG

5/3,K/3 (Item 3 from file: 399) Links
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127233549 CA: 127(17)233549s PATENT
Iscom or iscom-matrix comprising hydrophobic receptor molecules for antigenic substances
Inventor (Author): Morein, Bror; Lovgren, Bengtsson Karin; Ekstrom, Jill
Location: Swed.
Assignee: Morein, Bror; Lovgren Bengtsson, Karin; Ekstrom, Jill
Patent: PCT International ; WO 9730726 A1 Date: 19970828

Untitled

Application: WO 97SE287 (19970220) *SE 96648 (19960221)
Pages: 38 pp.
CODEN: PIXXD2
Language: Swedish
Patent Classifications:
Class: A61K-039/39A
Designated Countries: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ;
DE; DK; EE; ES; FI; GB; GE; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT;
LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM;
TR; TT; UA; UG; US; UZ; VN; YU; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM
Designated Regional: KE; LS; MW; SD; SZ; UG; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CI; CM; GA; GN; ML; MR; NE; SN; TD; TG

? e au=ranlund, katarina
Ref Items Index-term
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E2 1 AU=RANLUND, K.
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E4 12 AU=RANLY D
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E6 3 AU=RANLY D.
E7 36 AU=RANLY D.M.
E8 38 AU=RANLY DM
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E23 3 AU=RANLY, H.
E24 1 AU=RANLY, H. J.
E25 11 AU=RANLY, HANS
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? s e1-e3
1 AU=RANLUND, K
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3 AU=RANLUND, KATARINA
S6 5 S E1-E3

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Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S7 3 RD (UNIQUE ITEMS)

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>>>W: Duplicate detection is not supported for File 393.
Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S8 3 RD (UNIQUE ITEMS)

? t s8/3,k/1-3

Untitled
>>>W: KWIC option is not available in file(s): 399
8/3,K/1 (Item 1 from file: 24) Links
Fulltext available through: STIC Full Text Retrieval Options
CSA Life Sciences Abstracts
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0002156396 IP Accession No: 4783791
Impaired immunogenicity of immunostimulating complexes (iscoms) by administration in slow-release formulations

Johansson, M; Ranlund, K; Lovgren-Bengtsson, K Swedish University of Agricultural Sciences, Department of Veterinary Microbiology, Section of Virology, BMC, Box 585, S-751 23 Uppsala, Sweden
Microbes and Infection , v 2 , n 9 , p 1003-1010 , July 2000
Publication Date: 2000

Document Type: Journal Article
Record Type: Abstract
Language: English
Summary Language: English
ISSN: 1286-4579
File Segment: Immunology Abstracts
Johansson, M; Ranlund, K; Lovgren-Bengtsson, K

8/3,K/2 (Item 1 from file: 399) Links
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145187050 CA: 145(10)187050u PATENT
Vaccine compositions comprising Staphylococcal or Streptococcal fibronectin binding protein, ISCOM matrix, liposomes and other antigen
Inventor (Author): Morein, Bror; Loevgren-Bengtsson, Karin; Ranlund, Katarina; Fromgren, Birgitta; Ekstroem, Jill; Baschunan, Carlos
Location: Swed.
Assignee: Isconova AB
Patent: PCT International ; WO 200678213 A1 Date: 20060727
Application: WO 2006SE82 (20060120) *US 2005PV593504 (20050120)
Pages: 88 pp.
CODEN: PIXXD2
Language: English
Patent Classifications:
IPC8 + Level Value Position Status Version Action Source Office:
A61K-0039/085 A I F B 20060101 H SE
A61K-0039/09 A I L B 20060101 H SE
A61K-0039/39 A I L B 20060101 H SE
A61P-0031/04 A I L B 20060101 H SE
Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA
Designated Regional: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

8/3,K/3 (Item 2 from file: 399) Links
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142133049 CA: 142(8)133049v PATENT
Quil A fraction with low toxicity for adjuvant application
Page 17

Untitled

Inventor (Author): Morein, Bror; Loevgren Bengtsson, Karin; Ekstroem, Jill; Ranlund, Katarina
Location: Swed.
Assignee: Isconova AB
Patent: PCT International ; WO 200502620 A1 Date: 20050113
Application: WO 2004SE1038 (20040707) *SE 20031998 (20030707)
Pages: 62 pp.
CODEN: PIXXD2
Language: English
Patent Classifications:
Class: A61K-039/39A
Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA;
CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR;
HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG;
MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK;
SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW
Designated Regional: BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM;
AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB;
GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA;
GN; GQ; GW; ML; MR; NE; SN; TD; TG

? e au=hu, kefei?

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E5	1	AU=HU, KEHENG
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E7	1	AU=HU, KEHUI
E8	1	AU=HU, KEHYUEN
E9	1	AU=HU, KEI - JI
E10	1	AU=HU, KEIJI
E11	1	AU=HU, KEIYI
E12	6	AU=HU, KEJI
E13	4	AU=HU, KEJIA
E14	3	AU=HU, KEJIAN
E15	65	AU=HU, KEJIANG
E16	8	AU=HU, KEJIN
E17	2	AU=HU, KEJUN
E18	19	AU=HU, KEKE
E19	21	AU=HU, KELI
E20	55	AU=HU, KELIANG
E21	38	AU=HU, KELIN
E22	2	AU=HU, KELING
E23	6	AU=HU, KELLEY
E24	1	AU=HU, KELLY
E25	2	AU=HU, KELU

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S9 7 AU='HU, KEFEI'

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>>>W: Duplicate detection is not supported for File 393.
Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S10 7 RD (UNIQUE ITEMS)

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>>>W: Duplicate detection is not supported for File 393.

Untitled
Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S11 7 RD (UNIQUE ITEMS)

? t s11/3,k/1-7
>>>W: KWIC option is not available in file(s): 399
11/3,K/1 (Item 1 from file: 399) Links
CA SEARCH(R)
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149017707 CA: 149(1)17707d PATENT
Use of lipid containing particles such as liposomes, iscom and/or iscom matrix and posintros, comprising Quillaja saponins, for the treatment of cancer
Inventor (Author): Hu, Kefei; Morein, Bror
Location: Swed.
Assignee: Duecom
Patent: PCT International ; WO 200863129 A1 Date: 20080529
Application: WO 2007SE50878 (20071120) *US 2006PV866445 (20061120)
Pages: 86pp.
CODEN: PIXXD2
Language: English
Patent Classifications:
IPC8 + Level Value Position Status Version Action Source Office:
A61K-0031/704 A I F B 20060101 H SE
A61K-0039/39 A I L B 20060101 H SE
A61P-0035/00 A I L B 20060101 H SE
Designated Countries: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BH; BR; BW; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH;
GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR;
LS; LT; LU; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG;
PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ
Designated Regional: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE;
IS; IT; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM;
GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ;
TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

11/3,K/2 (Item 2 from file: 399) Links
CA SEARCH(R)
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148305998 CA: 148(14)305998w CONFERENCE PROCEEDING
New ISCOMS meet unsettled vaccine demands
Author: Morein, Bror; Hu, Kefei; Loevgren, Karin; D'Hondt, Erik
Location: Department of Medical Sciences, Section of Virology, University Hospital,
Iscovent AB, Uppsala University, Uppsala, Swed.
Journal: Vaccine Adjuvants Delivery Syst.
Editor: Singh, Manmohan (Ed),
Date: 2007
Pages: 191-222
CODEN: 69KEQD
Language: English
Publisher: John Wiley & Sons, Inc. , Hoboken, N. J ISBN: 978-0-471-73907-4

11/3,K/3 (Item 3 from file: 399) Links
CA SEARCH(R)
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147474672 CA: 147(22)474672v PATENT
Composition of traditional Chinese medicine tablet for treating gynecopathy and its preparation method thereof
Inventor (Author): Hu, Kefei

Untitled

Location: Peop. Rep. China,

Assignee: Beijing Yinke Ruisi Bioproduct Research Institute

Patent: Faming Zh. Sh. Gong. Shuom ; CN 101049408 A Date: 20071010

Application: CN 10066924 (20060403)

Pages: 9pp.

CODEN: CNXXEV

Language: Chinese

Patent Classifications:

IPC/8 + Level	Value	Position	Status	Version	Action	Source Office:
A61K-0036/896	A	I	F	B	20060101	H CN
A61K-0009/20	A	I	L	B	20060101	H CN
A61P-0015/00	A	I	L	B	20060101	H CN

11/3,K/4 (Item 4 from file: 399) Links

CA SEARCH(R)

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146087526 CA: 146(5)87526f PATENT

Manufacture of traditional Chinese medicine tablet for treating cervical spondylosis

Inventor (Author): Hu, Kefei

Location: Peop. Rep. China,

Assignee: Beijing Yinke Ruisi Bioproduct Research Institute

Patent: Faming Zh. Sh. Gong. Shuom ; CN 1872229 A Date: 20061206

Application: CN 10080714 (20060512)

Pages: 14pp.

CODEN: CNXXEV

Language: Chinese

Patent Classifications:

IPC/8 + Level	Value	Position	Status	Version	Action	Source Office:
A61K-0036/804	A	I	F	B	20060101	H CN
A61K-0009/20	A	I	L	B	20060101	H CN
A61P-0019/02	A	I	L	B	20060101	H CN
A61K-0035/64	A	N	L	B	20060101	H CN
A61K-0035/56	A	N	L	B	20060101	H CN

11/3,K/5 (Item 5 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

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142021880 CA: 142(2)21880c JOURNAL

Safety and efficacy of immune-stimulating complex-based antigen delivery systems for neonatal immunization against respiratory syncytial virus infection

Author: Regner, Matthias; Culley, Fiona; Fontannaz, Paola; Hu, Kefei; Morein, Bror; Lambert, Paul-Henri; Openshaw, Peter; Siegrist, Claire-Anne

Location: CMU, Departments of Pathology and Paediatrics, WHO Collaborating Center for Vaccinology, University of Geneva, 1211 4, Geneva, Switz.

Journal: Microbes Infect.

Date: 2004

Volume: 6 Number: 7 Pages: 666-675

CODEN: MCINFS

ISSN: 1286-4579

Publisher Item Identifier: 1286-4579(04)00102-9

Language: English

Publisher: Elsevier Science B.V.

11/3,K/6 (Item 6 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

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Untitled
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136139953 CA: 136(9)139953h JOURNAL
Determination of baicalin in Pizhenqing granules with HPLC
Author: Lu, Jingqin; Yu, Nancai; Li, Jun; Hu, Kefei; Zhao, Xiangfa
Location: Hubei College of Traditional Chinese Medicine, Wuhan, Peop. Rep. China, 430061
Journal: Zhongguo Yiyuan Yaoxue Zazhi
Date: 2001
Volume: 21 Number: 11 Pages: 661-663
CODEN: ZYYAEP
ISSN: 1001-5213
Language: Chinese
Publisher: Zhongguo Yiyuan Yaoxue Zazhi Bianjibu

11/3,K/7 (Item 7 from file: 399) [Links](#)
Fulltext available through: STIC Full Text Retrieval Options
CA SEARCH(R)
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134152446 CA: 134(11)152446y JOURNAL
Study on quality specifications of Pizhenqing granules
Author: Yu, Nancai; Hu, Kefei; Zhang, Jiemei; Xue, Sha
Location: First Hospital of Wuhan, Wuhan, Peop. Rep. China, 430022
Journal: Zhongguo Yiyuan Yaoxue Zazhi
Date: 2000
Volume: 20 Number: 6 Pages: 327-329
CODEN: ZYYAEP
ISSN: 1001-5213
Language: Chinese
Publisher: Zhongguo Yiyuan Yaoxue Zazhi Bianjibu

```
? s quil? and (monophosphoryl(w)lipid(w)A)
Processing
Processing
Processing
Processing
Processing
Processing
Processing
Processing
>>>W: I/O error in file 154
>>>E: There is no result
```

```
? s quil?
S12    22993  S QUIL?
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? a s12 and (monophosphoryl(w)lipid(w)A)
>>>E: Unrecognizable command
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? s s12 and (monophosphoryl(w)lipid(w)A)
Processing
Processing
Processing
Processing
Processing
>>>W: I/O error in file 154
>>>E: There is no result
```

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? s s12 and iscom
```

Untitled

22993 S12
4159 ISCOM
S13 675 S S12 AND ISCOM

? s s13 and (another or different or several or multiple or separat?)

Processing

>>>W: I/O error in file 154
>>>E: There is no result

? s s13 and (integrat? or incoporat?)

Processing

675 S13
3436684 INTEGRAT?
1314 INCOPORAT?
S14 14 S S13 AND (INTEGRAT? OR INCOPORAT?)

?

? s rd
S15 192371 S RD

? s s14
S16 14 S S14

? rd

>>>W: Duplicate detection is not supported for File 393.
Duplicate detection is not supported for File 391.
Records from unsupported files will be retained in the RD set.
S17 8 RD (UNIQUE ITEMS)

? t s17/3,k/1-8

>>>W: KWIC option is not available in file(s): 399
17/3,K/1 (Item 1 from file: 5) Links
Fulltext available through: STIC Full Text Retrieval Options

Biosis Previews(R)

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10878885 Biosis No.: 199192124656

EVALUATION OF GLYCOPROTEIN GII ISCOMS SUBUNIT VACCINE FOR PSEUDORABIES IN PIG

Author: TSUDA T (Reprint); SUGIMURA T; MURAKAMI Y

Author Address: EXOTIC DIS RES DIV, NATL INST ANIMAL HEALTH, KODAIRA, TOKYO 187,
JPN**JAPAN

Journal: Vaccine 9 (9): p 648-652 1991

ISSN: 0264-410X

Document Type: Article

Record Type: Abstract

Language: ENGLISH

Abstract: One of the pseudorabies virus glycoproteins, gII, was integrated into Quil A matrix and formed an antigenic presentation structure known as immunostimulating complexes (ISCOMs). The gII.....was clearly discriminated from that of infected pigs by immunoprecipitation. The data indicated that the ISCOM technique was useful in PrV subunit vaccine preparation and demonstrated the importance of glycoprotein gII....

17/3,K/2 (Item 1 from file: 144) Links

Pascal

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09131543 PASCAL No.: 90-0299924

Increased immunogenicity of a non-amphipathic protein (BSA) after inclusion into iscoms

Untitled

MOREIN B; EKSTROEM J; LOEVGREN K
Swedish univ. agricultural sci., coll. veterinary medicine, sect.
virology, Uppsala 751 23, Sweden
Journal: Journal of immunological methods,
1990, 128 (2)
177-181
Language: English

... acidic pH (2.5) was used to reveal hydrophobic regions, after which BSA could be integrated. In immunization experiments in mice the BSA iscoms induced long lasting and considerably higher serum...

French Descriptors: Serumalbumine; Bovin; Proteine; Site hydrophobe; PH; Augmentation; Immunogenicite; Souris; Anticorps; Reponse immune; Immunité humorale; Complexe ISCOM; Quil A; Compose non amphipathe

17/3,K/3 (Item 1 from file: 35) Links

Dissertation Abs Online

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01180984 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.

STUDIES ON THE PURIFICATION OF BOVINE LEUKEMIA VIRUS ENVELOPE GLYCOPROTEIN (GP51), ITS INTEGRITY AND IMMUNOGENICITY AFTER INCORPORATION INTO ISCOM

Author: MERZA, MALIK

Degree: VET.MED.DR

Year: 1991

Corporate Source/Institution: SVERIGES LANTBRUKSUNIVERSITET (SWEDEN) (0697)

Source: Volume 5204C of Dissertations Abstracts International.

PAGE 552 . 39 PAGES

ISBN: 91-576-4422-5

Publisher: SVERIGES LANTBRUKSUNIVERSITET, S-750 07 UPPSALA, SWEDEN

...PURIFICATION OF BOVINE LEUKEMIA VIRUS ENVELOPE GLYCOPROTEIN (GP51), ITS INTEGRITY AND IMMUNOGENICITY AFTER INCORPORATION INTO ISCOM

...it lacks its transmembranous part gp30 which results in a low immunogenic monomeric antigen preparation. ISCOM is composed of a matrix, built up by triterpenoids of Quil A and lipids to which antigens are attached by hydrophobic interaction. To facilitate incorporation of gp51 into iscom, a procedure was developed first to expose hidden hydrophobic sequences in the molecule by an acid pH (2.4) and subsequently to integrate it into iscom.

The protective capacity and value of gp51 is dependent on epitopes which are involved in... ELISA discriminating the immune response generated by infection from that induced by the experimental gp51-iscom vaccine. Another method of discrimination, was the use of polymerase chain reaction (PCR) and hybridization...

17/3,K/4 (Item 1 from file: 357) Links

Derwent Biotech Res.

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0450154 DBA Accession No.: 2008-08663 PATENT

Use of lipid containing particles comprising at least one lipid and at least one saponin for the preparation of a pharmaceutical for the treatment of cancer pharmaceutical composition comprising liposome, useful in treatment of cancer

Author: HU K; MOREIN B

Untitled

Patent Assignee: DUECOM 2008

Patent Number: WO 200863129 Patent Date: 20080529 WPI Accession No.: 2008-J04888
(200851)

Priority Application Number: US 866445 Application Date: 20061120

National Application Number: WO 2007SE50878 Application Date: 20071120

Language: English

Abstract: ...with one or more sugar moieties, where the glycoside is a crude saponin fraction from Quillaja Saponaria Molina or its sub fraction, and where the saponin is chosen from fraction A, fraction B, fraction C, fractions QA 1-22 of Quillaja Saponaria Molina, Spicoside, or Q VAC. The saponin fraction is hydrophilic, such as fractions that do not contain fatty acids e.g. fraction A, Quil 4-15, stimulating and modulating the immune response such as antibody production and cell mediated...

...g. in the 4-position of the saponins such as fraction C and B of Quil A or fractions from the region between fractions A and B, fractions QA 15-21 of Quillaja Saponaria Molina having a killing effect on cancer cells; where the lipid containing particles further... ...of lipid containing particles comprising at least one hydrophilic saponin, e.g. fraction A from Quil A is used together with lipid containing particles comprising at least one hydrophobic saponin e.g. fraction C from Quil A for a synergistic anticancer effect. The lipid containing particles comprise cancer antigens integrated into the particles, coupled on to the particles or mixed with the lipid containing particles... ...mustard or nitrosourea alkylating agents, anti-tumor anthracycline derivatives, trastuzumab and anti-tumor podophyllotoxin derivatives, Quila A, or their sub fragments. The adjuvants integrated into the particles, coupled on to the particles or mixed with the lipid containing particles... ...from cancer cells, virus surface antigens and influenza antigens. The particles are chosen from liposomes, iscom and/or iscom matrix and posintros, where iscoms comprising at least one saponin, at least one lipid and at least one type of antigen substance are used, where iscom matrix comprising at least one saponin and at least one lipid is used. ACTIVITY - Cytostatic...

E.C. Numbers:

17/3,K/5 (Item 2 from file: 357) Links

Derwent Biotech Res.

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0429983 DBA Accession No.: 2007-16290 PATENT

Inducing an immune response in a mammal against autologous high mobility group box 1 (HMGB1) for treating or preventing e.g., cancer by effecting uptake and processing of a modified HMGB1 polypeptide by antigen presenting cells human high mobility group box-1 protein and expression virus vector for use in disease prevention and gene therapy

Author: BRATT T; DEGAN F D; NIELSEN K B; VOLDBORG B; HOLMBERG J

Patent Assignee: PHARMEXA AS 2007

Patent Number: WO 200754090 Patent Date: 20070518 WPI Accession No.: 2007-468796
(200745)

Priority Application Number: US 734747 Application Date: 20051109

National Application Number: WO 2006DK614 Application Date: 20061108

Language: English

Abstract: ...an oil formulation; a polymer; a micelle forming adjuvant; a saponin; an immunostimulating complex matrix (ISCOM matrix); a particle; DDA; aluminium adjuvants; DNA adjuvants; gamma-inulin; or an encapsulating adjuvant. The...
...mannan, and mannose; a plastic polymer; or latex such as latex beads. The saponin is Quillaja saponaria saponin, Quil A or QS21. The particle comprises latex or dextran. The method includes at least one ... acid fragment, optionally a nucleic acid sequence encoding a leader peptide enabling secretion of or integration into the membrane of the polypeptide fragment, the nucleic acid fragment, and optionally a nucleic acid sequence encoding a terminator. The vector is integrated in the host cell genome or is not capable of being integrated in the host cell genome when introduced into a host cell. ACTIVITY - Cytostatic; Neuroprotective; Antiarteriosclerotic...

E.C. Numbers:

Descriptors: ...transfer expression in host cell, antibody, naked DNA, plasmid,

Untitled
phage, cosmid, mini-chromosome, virus vector integration in host cell, appl. immune response induction, cancer, Alzheimer disease, atherosclerosis, inflammatory disturbance, chronic, acute...

17/3,K/6 (Item 3 from file: 357) Links

Derwent Biotech Res.

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0411127 DBA Accession No.: 2006-24623 PATENT

Inducing an immune response against autologous Epidermal Growth Factor Receptor (EGFR) comprises effecting uptake and processing by antigen presenting cells (APCs) in a subject of a modified EGFR polypeptide involving vector plasmid, phage, cosmid, chromosome or virus-mediated gene transfer and expression in host cell for use in gene therapy

Author: STEINAA L; RENARD V

Patent Assignee: PHARMEXA AS 2006

Patent Number: WO 2006102901 Patent Date: 20061005 WPI Accession No.: 2006-670377 (200669)

Priority Application Number: US 667441 Application Date: 20050331

National Application Number: WO 2006DK184 Application Date: 20060330

Language: English

Abstract: ...an oil formulation; a polymer; a micelle forming adjuvant; a saponin; an immunostimulating complex matrix (ISCOM matrix); a particle; DDA; aluminium adjuvants; DNA adjuvants; y-inulin; or an encapsulating adjuvant. The... ...and mannose; a plastic polymer; and latex such as latex beads, where the saponin is Quillaja saponaria saponin, Quil A, and QS21, and where the particle comprises latex or dextran. It includes 1-12... acid fragment, optionally a nucleic acid sequence encoding a leader peptide enabling secretion of or integration into the membrane of the polypeptide fragment, and optionally a nucleic acid sequence encoding a terminator. The vector, when introduced into a host cell, is integrated in the host cell genome or is not capable of being integrated in the host cell genome. ACTIVITY - Cytostatic. No biological data given. MECHANISM OF ACTION - Tyrosine...

E.C. Numbers:

17/3,K/7 (Item 4 from file: 357) Links

Derwent Biotech Res.

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0320597 DBA Accession No.: 2003-21737 PATENT

Inducing an immune response in humans against autologous carcinoembryonic antigen (CEA) comprises administering a modified CEA polypeptide, a nucleic acid encoding the polypeptide, or a microorganism expressing the polypeptide vector-mediated gene transfer and expression in host cell for recombinant vaccine and cancer therapy

Author: KLYSNER S; VOLDBORG B

Patent Assignee: PHARMEXA AS 2003

Patent Number: WO 200359379 Patent Date: 20030724 WPI Accession No.: 2003-587260 (200355)

Priority Application Number: US 350047 Application Date: 20020117

National Application Number: WO 2003DK31 Application Date: 20030117

Language: English

Abstract: ...an oil formulation; a polymer; a micelle forming adjuvant; a saponin; an immunostimulating complex matrix (ISCOM matrix); a particle; DDA; aluminum adjuvants; DNA adjuvants; gamma-inulin; and an encapsulating adjuvant. The... ...mannan, and mannose; a plastic polymer and latex such as latex beads. The saponin is Quillaja saponaria saponin, Quil A or QS21. The particle comprises latex or dextran. The method also comprises administering to... acid fragment, optionally a nucleic acid sequence encoding a leader peptide enabling secretion of or integration into the membrane of the polypeptide fragment, the nucleic acid fragment cited above, and optionally... nucleic acid sequence encoding a terminator. The vector, when introduced into a host cell, is integrated in the host cell genome or is not capable of being integrated in the host cell genome. ACTIVITY - Cytostatic.

Untitled
No biological data given. MECHANISM OF ACTION - Vaccine...
E.C. Numbers:

17/3,K/8 (Item 1 from file: 149) Links
TGG Health&Wellness DB(SM)
(c) 2009 Gale/Cengage. All rights reserved.
01489919 Supplier Number: 15828334 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Vaccine technologies: view to the future. (Cover Story)

Rabinovich, N. Regina; McInnes, Pamela; Klein, David L.; Hall, B. Fenton
Science , v265 , n5177 , p1401(4)
Sept 2 ,
1994

Document Type: Cover Story Publication Format: Magazine/Journal
ISSN: 0036-8075
Language: English
Record Type: Fulltext; Abstract Target Audience: Academic
Word Count: 4497 Line Count: 00384

Text:

...administered in a few doses early in life (1). These objectives are now more firmly integrated in vaccine research and development, fueled by advances in the fields of recombinant DNA technology...

...These structures are generated by mixing antigen with a biocompatible detergent and the complex adjuvant Quil A. The ISCOM self-assembles into stable 35-nm cage-like structures held together by the hydrophobic interactions between the matrix (Quil A), added lipids, and the antigen. ISCOMs containing viral membrane proteins have been tested in...

...during viral infection or after immunization with live attenuated vaccines. Concerns about the safety of Quil A must be resolved before ISCOMs can be administered to humans.

Protein cochleates, which are...

...lipid bilayer maintained by calcium bridges. Membrane proteins or peptides with lipid anchors can be integrated into this lipid bilayer, which protects them from intestinal acid and allows them to be... animal models these vaccines appear to stimulate persistent humoral and cell-mediated immune responses, without integration of plasmid into chromosomal DNA (27). The animals are protected from lethal virus challenge. This...

...AIDS, and will undoubtedly continue to receive intense scrutiny. Hypothetical safety concerns, including the potential integration of plasmid DNA into the host genome or the generation of anti-DNA antibodies, will...

? d s
Set Items Description
S1 3 AU='EKSTROM, JILL' FROM 5, 6, 24, 34, 40, 41, 45, 50, 65, 71, 72,
73, 76, 98, 103, 136, 143, 144, 154, 155, 156, 162, 172, 305, 369, 370, 393, 399,
434, 28, 35, 44, 91, 110, 135, 164, 185, 357, 391, 467, 8, 99, 266, 315, 358, 138,

Untitled

149, 159, 444
S2 3 RD (unique items)
S3 0 S S2 AND QUIL
S4 3 S S2
S5 3 RD (unique items)
S6 5 S E1-E3
S7 3 RD (unique items)
S8 3 RD (unique items)
S9 7 AU='HU, KEFEI' FROM 5, 6, 24, 34, 40, 41, 45, 50, 65, 71, 72, 73,
76, 98, 103, 136, 143, 144, 154, 155, 156, 162, 172, 305, 369, 370, 393, 399, 434,
28, 35, 44, 91, 110, 135, 164, 185, 357, 391, 467, 8, 99, 266, 315, 358, 138, 149,
159, 444
S10 7 RD (unique items)
S11 7 RD (unique items)
S12 22993 S QUIL?
S13 675 S S12 AND ISCOM
S14 14 S S13 AND (INTEGRAT? OR INCOPORAT?)
S15 192371 S RD
S16 14 S S14
S17 8 RD (unique items)

? d s
Set Items Description
S1 3 AU='EKSTROM, JILL' FROM 5, 6, 24, 34, 40, 41, 45, 50, 65, 71, 72,
73, 76, 98, 103, 136, 143, 144, 154, 155, 156, 162, 172, 305, 369, 370, 393, 399,
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149, 159, 444
S2 3 RD (unique items)
S3 0 S S2 AND QUIL
S4 3 S S2
S5 3 RD (unique items)
S6 5 S E1-E3
S7 3 RD (unique items)
S8 3 RD (unique items)
S9 7 AU='HU, KEFEI' FROM 5, 6, 24, 34, 40, 41, 45, 50, 65, 71, 72, 73,
76, 98, 103, 136, 143, 144, 154, 155, 156, 162, 172, 305, 369, 370, 393, 399, 434,
28, 35, 44, 91, 110, 135, 164, 185, 357, 391, 467, 8, 99, 266, 315, 358, 138, 149,
159, 444
S10 7 RD (unique items)
S11 7 RD (unique items)
S12 22993 S QUIL?
S13 675 S S12 AND ISCOM
S14 14 S S13 AND (INTEGRAT? OR INCOPORAT?)
S15 192371 S RD
S16 14 S S14
S17 8 RD (unique items)